ABSTRACT OF DISCLOSURE

A password strength checking method has the steps of inputting a password to be checked, generating a plaintext password candidate according to the same generation procedure as that used by a password guessing tool, determining whether or not the inputted password and the generated password candidate match each other, directing generation of the next password candidate when the match is not determined, determining strength of the inputted password based on the number of the generated password candidates when the match is determined, and outputting information of the determined password strength.